



Attorney Docket No.:WON-FF-2003-US/P-113 PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Cheorl-Ho Kim et al.

Serial No.: 10/652,116 Group Art Unit: 1837

Filed: August 29, 2003 Examiner: M. Wallenhorst

For: METHOD OF DIAGNOSING THE CHANCES OF PREGNANCY AND THE  
DIAGNOSTIC KIT FOR THE SAME

Confirmation No.: 4058

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. 1.56, 1.97 and 1.98, Applicants submit herewith references which they believe may be material to the patentability of this application and with respect to which there may be a duty to disclose in accordance with 37 C.F.R. 1.56.

While the references may be "material" under 37 C.F.R. 1.56, it is not intended to constitute an admission that the references are "prior art" unless specifically designated as such.

The filing of this Information Disclosure Statement shall not be construed as a representation that no other material references than those listed exist or that a search has been conducted.

The references are listed in PTO form 1449 which is in accordance with the requirements of M.P.E.P. 609. A copy of Foreign patent documents and other references are also enclosed to comply with 37 C.F.R. §1.97.

The references are as follows:

## **US Patent Publications**

## **Foreign Patents**

### **Nonpatent Publications**

1. Sakkas et al., 2001, *Fertil. Steril.* 76(6):1150-1156.
2. Riley et al., 1999, *Mol. Hum. Reprod.* 5: 376-381.
3. Huang et al., 1998 *J. Clin. Endocrinol. Metab.* 83:1721-1729.
4. Hulboy et al., 1997, *Mol. Hum. Reprod.* 1: 27-45.
5. Alexander et al., 1996, *Development* 122: 1723-1736.
6. Leco et al., 1996, *Mol. Reprod. Dev.* 45: 458-465.
7. Jeziorska et al., 1996, *J. Reprod. Fertil.* 107: 43-51.
8. Draper et al., 1995, *Am. J. Obstet. Gynecol.* 173:1506-1512.
9. Harvey et al., 1995, *Development* 121: 1005-1014.
10. Lefebvre et al., 1995, *Development* 121: 947-955.
11. Reponen et al., 1995, *Develop. Dynam.* 202: 388-396.
12. Lei et al., 1995, *Biol. Reprod.* 53: 339-344.
13. Luck et al., 1995, *J. Endocrinol.* 146: 191-195.
14. Vadillo-Ortega et al., 1995, *Am. J. Pathol.* 146: 148-156.
15. Bryant-Greenwood et al., 1995, *Am. J. Obstet. Gynecol.* 172: 63-70.
16. Cross et al., 1994, *Science* 226: 1508 – 1518.
17. Shimonovitz et al., 1994, *Am. J. Obstet. Gynecol.* 171: 832-838.
18. Rawdanowicz et al., 1994, *J. Clin. Endocrinol. Metab.* 79: 530-536.
19. Espey, 1994, *Biol. Reprod.* 50: 233-238.
20. Sato et al., 1993, *Oncogene* 8: 395-405.
21. Behrendtsen et al., 1992, *Development* 114: 447-456.
22. Librach et al., 1991, *J. Cell. Biol.* 113: 437-449.
23. Murphy et al., 1991, *Biochem. J.* 277: 277-279
24. Aplin et al., 1988, *Res.* 253: 2312-2340.
25. Wewer et al., 1986, *Differentiation* 32: 49-58.

26. Hibbs et al., 1985, J. Biol. Chem. 260: 2493-2500.

It is respectfully requested that these references be considered by the Patent and Trademark Office in its examination of the above-identified application and be made of record therein. The Examiner is also invited to contact the Undersigned if there are any questions concerning this paper or the attached references.

The Information Disclosure Statement submitted herewith is being filed  
[ ] before the mailing date of a first Office Action on the merits  
[ ] after the mailing date of a first Office Action on the merits. Please charge the fee of \$180 to credit card. Form PTO-2038 is attached.

[ ] An International Search Report is enclosed. References cited in the International Search report are asterisked.

Is submitted concurrently with an RCE

Respectfully submitted,

Date: 3/15/05

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Substitute for form 1449/PTO		MAR 17 2005 U.S. PATENT AND TRADEMARK OFFICE	Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Application Number	10/652,116
		Filing Date	August 29, 2003	
		First Named Inventor	Cheorl-Ho Kim et al.	
		Art Unit	1837	
		Examiner Name	M. Wallenhorst	
		Attorney Docket Number	WON-FF-2003-US/P-113	

## U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, Washington, DC 20231.**

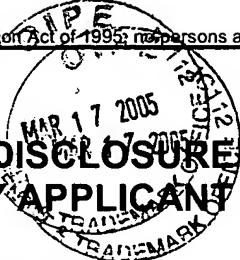
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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use as many sheets as necessary)



## Complete if Known

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Sheet 2

of 4

Attorney Docket Number

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## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		SAKKAS et al., 2001, Fertil. Steril. 76(6):1150-1156.	
		RILEY et al., 1999, Mol. Hum. Reprod. 5: 376-381.	
		HUANG et al., 1998, J. Clin. Endocrinol. Metab. 83: 1721-1729.	
		HULLBOY et al., 1997, Mol. Hum. Reprod. 1: 27-45.	
		ALEXANDER et al., 1996, Development 122: 1723-1736.	
		LECO et al., 1996, Mol. Reprod. Dev. 45: 458-465.	
		JEZIORSKA et al., 1996, J. Reprod. Fertil. 107: 43-51.	
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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		LIBRACH et al., 1991, J. Cell. Biol. 113: 437-449.		
		MURPHY et al., 1991, Biochem. J. 277: 277-279.		
		APLIN et al., 1988, Cell. Tissue Res. 253: 2312-2340.		
		WEWER et al., 1986, Differentiation 32: 49-58.		
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